

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018510**Date Inspected:** 02-Dec-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

SMAW welding of repair weld is identified as 4G-021 of BK5ASD1-002 for BK005A-002. The welder is identified as 259353. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-4G-Repair and B-WR18035.

Internal cleaning of bike path BK004B-001 checked before fit-up of End diaphragm plate (PJP weld) with deck and bearing plate.

ABF QC MT personnel performing MT on bike path fillet welds, the bike path is identified as BK004A-014 in progress.

BAY#1

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG steel barrier. The weld designations reviewed as follows.

E2-SB5-023-126,128,130,065,069,073,075,082

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

E2-SB1D-044-126,128,130,036,040,042,044,055
E2-SB1C-008-126,128,130,065,069,073,075,082
E2-SB1-040-126,128,130,036,040,042,044,055
E2-SB1C-010-126,128,130,065,069,073,075,082
E2-SB5-029-126,128,130,065,069,073,075,082
E2-SB1-034-126,128,130,036,040,042,044,055

BAY#2

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG SA. The weld designations reviewed as follows.

SA3446-001-013,014,016,017,022,023,001,005,007,009
SA3449-001-013,014,016,017,022,023,001,005,007
SA3442-001-013,014,016,017,022,023,001,005,007
SA3444-001-013,014,016,017,022,023,001,005,007,009
SA3448-001-013,014,016,017,022,023,001,005,007

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By: Kumar, Chadra

Quality Assurance Inspector

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Reviewed By: Patel,Hiranch

QA Reviewer